

## Site activities IVO Gold King Mine Release

24AUG2015

Agency/Organization	Number of Personnel
EPA	03
USCG	04
ER	16
START	04
OMNI Water Solutions	03
Visitors	02
Total Personnel	32

### Water Treatment –

- Caustic and flocculent addition on going.
- Pumping from Gold King Mine treatment pond 1 to Red and Bonita pond 3.
- Preparation continued to divert flow to R&B ponds.
  - Diversion piping and equipment arrived.
  - A 40 yard dumpster was delivered and put in position for the diverting of water flow.
- Added cement to solidify slurry in R&B pond 4.
- Lime addition process in development.

### Sediment Recovery – OMNI Water Solutions / Rain for Rent

- Omni removed sediment from the ponds into filter bags.
- Centrifuge technician arrived to troubleshoot equipment.
- Develop plan for sediment repository.

### Water quality Sampling – START Data submitted separately.

- Water quality parameters collected at 11 locations three times daily
- Flow Rate of 536 GPM was recorded at 0830 from the Gold King Mine adit portal.
- Flow rate of 552 GPM was recorded at 1545 from the Gold King Mine adit portal.
- USCG personnel to monitor the PH and NTU's at 4 different locations every 2 hours to monitor water treatment change.

### Red and Bonita (R&B) Mine Operations –

- Installation of bulkheads in preparation to close mine.
- Cement delivery due 26 AUG 2015.

### Gold King Mine Ops –

- No change

**Media Interest –**

- Senator Burgess to visit 25 AUG 2015.
- 5 local and county officials visited the site today.
- 15 high school students to visit 27 AUG 2015 from 1100-1230.

**Logistics –**

- EPA MEOC working off contracted generator.
- 2 light plants arrived for the MEOC and the Gold King Mine settlement pond.
- Determine appropriate shelter for lime addition area
- Two replacement USCG personnel requested and one additional.

**Future Actions –**

- 20' x 30' tent to be delivered 25 AUG 2015 for site
- San Miguel Power to remove damaged power lines 26 AUG 2015.
- Additional rerouting options engineering solutions for diversion to R&B and down to Gladstone in development.
- Survey to be conducted for Gold King Mine waste dump.
- Automated lime treatment system in development.
- Examining the option of creating a lime slurry with a PH of 7.5 and stopping the addition of the caustic solution and Brenn-FLOC